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	U	1	Do	cument	ID	Issue Date	Pages	Title
1	☒		US 6	5640110	В1	20031028	39	Scalable cellular communications system
2	\boxtimes		US 6	5628952	B1	20030930	16	Method of increasing capacity in a fixed wireless access network in which subscribers communicate with base stations via directional antennas
3	⊠		US 6	5611500	В1	20030826	16	Methods and apparatus for derivative-based optimization of wireless network performance
4	Ø		US 6	5600792	B2	20030729	16	Predistortion technique for high power amplifiers
5	⊠		US 6	5591108	B1	20030708	9	Apparatus and method to reduce the reuse factor for adaptive-dynamic channel assignment systems
6	Ø		US (6560209	B1	20030506	38	Method for frequency division duplex communications
7	×		US (6545990	B1	20030408	13	Method and apparatus for a spectrally compliant cellular communication system
8	⊠		US (6535666	B1	20030318	112	Method and apparatus for separating signals transmitted over a waveguide
9	⊠		US (6516189	В1	20030204	62	System and method for gathering data from wireless communications networks
10	×		US (6512752	B1	20030128	10	Adaptive carrier assignment in multiple reuse patterns for packet data systems based on service type and user location
11	×		us (6496699	B2	20021217	22	Method for self-calibration of a wireless communication system
12	Ø		US (6493331	В1	20021210	51	Method and apparatus for controlling transmissions of a communications systems
13	Ø		us	6490314	В1	20021203	11	Method for overlay of narrowband and wideband communication systems
14	Ø		US	6477370	B1	20021105	85	Satellite trunked radio service system
15	Ø		us	6473623	В1	20021029	23	Method for self-calibration of a wireless communication system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	C	P
1		342/373; 455/561		Shapira, Joseph et al.			
2	455/446	455/453; 455/522		Hankins, Timothy R et al.			
3	370/252 .	370/254		Clarkson, Kenneth L. et al.			
4	375/297	330/149; 455/126		Antonio, Franklin P. et al.			
5	455/452.1	370/330; 455/513		Herrig, Hanz Werner			
6	370/330	370/203; 370/206; 370/281; 370/329; 370/336; 370/337		Alamouti, Siavash et al.			
7	370/335	370/342; 455/450		Amalfitano, Carlo et al.			
8	385/31	385/12; 398/82		Dogan, Mithat Can et al.			
9	455/405	455/2.01		Frangione, Tom et al.			
10	370/329	455/447; 455/450; 455/513		H'mimy, Hossam et al.			
11	455/452.1	455/62		Benveniste, Mathilde			
12	370/341	370/329; 370/332; 370/437		Walton, Jay R. et al.			
13	375/132	375/131		Khayrallah, Ali S. et al.			
14	455/427	455/512		Sigler, C. Edward et al.			
15	455/522	455/69		Benveniste, Mathilde			

	U	1	D	ocument	ID	Issue Date	Pages	Title
16	⊠		us	6442397	B1	20020827	22	Method for self-calibration of a wireless communication system
17	⊠		US	6438376	B1	20020820	15	Wireless communications management and control system using mobile station position and movement information
18	⊠		US	6411806	B1	20020625	72	Virtual network configuration and management system for satellite communications system
19	Ø		us	6405048	B1	20020611	14	Method and system for autonomously allocating frequencies to a radio system sharing frequencies with an overlapping macro radio system
20	⊠		US	6389067	В1	20020514	9	Method and apparatus for using frame energy metrics to improve rate determination
21	×		US	6374098	В1	20020416		Systems and methods for locating remote units operating in a radiocommunication system using an adjunct system
22	×		us	6359923	В1	20020319 .	244	Highly bandwidth efficient communications
23	⊠		us	6356607	В1	20020312	110	Preamble code structure and detection method and apparatus
24	⊠		us	6351643	B1	20020226		Method and system for autonomously allocating a frequency hopping traffic channel in a private radio system
25			US	6330452	ві	20011211		Network-based wireless location system to position AMPs (FDMA) cellular telephones, part I
26	⊠		us	6314294	В1	20011106		Method for self-calibration of a wireless communication system
27	.⊠		us	6310704	B1	20011030		Communication apparatus for transmitting and receiving signals over a fiber-optic waveguide using different frequency bands of light
28	⊠		us	6278861	В1	20010821		Mobile earth terminal with roaming capability

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
16	455/522			Benveniste, Mathilde			
17	455/437	455/440		Elliott, Stephen B. et al.			
18	455/428	455/12.1; 455/430		Garner, William B. et al.			
19	455/464	455/448; 455/450		Haartsen, Jacobus C.			
20	375/225	375/150		Riddle, Christopher C. et al.			
21	455/404.2	342/457; 455/11.1; 455/456.5; 455/521; 455/9		Raith, Alex K. et al.			
22	375/130	370/342; 375/135; 375/136		Agee, Brian G. et al.			
23	375/354	370/509		Scott, Logan et al.			
24	455/450	455/444; 455/63.1		Haartsen, Jacobus C.			
25	455/456.1	342/457; 455/524; 455/67.16		Fattouche, Michel et al.			
26	455/452.2	455/62; 455/63.3		Benveniste, Mathilde			
27	398/9			Dogan, Mithat Can et al.			
28	455/13.1	455/430; 455/552.1; 455/557		Ward, Michael K. et al.			

	ט	1	Docu	ment :	ID	Issue Date	Pages	Title
29	×		US 627	2336	B1	20010807		Traffic-weighted closed loop power detection system for use with an RF power amplifier and method of operation
30	⊠		US 626	6014	В1	20010724		Methods and apparatus to position a mobile receiver using downlink signals part IV
31	⊠.		US 626	2980	B1	20010717	20	Dynamic resource allocation method and apparatus for broadband services in a wireless communications system
32	⊠		US 624	3580	B1	20010605	-	Priority and preemption service system for satellite related communication using central controller
33			US 621	.9539	В1	20010417		Systems and methods for implementing private wireless communications
34	×		US 621	.5983	B1	20010410		Method and apparatus for complex phase equalization for use in a communication system
35	×		US 621	L2387	B1	20010403		Method and apparatus for collector arrays of directional antennas co-located with zone managers in wireless communications systems
36	Ø		US 620	8297	В1	20010327		Methods and apparatus to position a mobile receiver using downlink signals, part I
37	⊠		US 620	8295	В1	20010327		Method for processing radio signals that are subject to unwanted change during propagation
38	Ø		US 620)4812	B1	20010320		Methods and apparatus to position a mobile receiver using downlink signals, part II
39	×		US 619	95554	В1	20010227		Channel assignment based on uplink interference level and channel quality measurements with a forward and backward reassignment step
40	⊠		US 618	38906	B1	20010213	9	Method for coverage optimization of multi-frequency assignment system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
29	455/423	455/126; 455/424; 455/574; 455/69		Appel, Mark J. et al.			
30	342/450	375/350; 455/456.6	·	Fattouche, Michel et al.			
31	370/336	370/337		Leung, Kin K. et al.			
32	455/428	455/12.1		Garner, William B.			
33	455/417			Basu, Kalyan et al.			
34	455/63.1	375/324; 375/325; 375/340; 455/303; 455/304		Dogan, Mithat Can et al.			
35	455/450	455/137; 455/273; 455/509; 455/562.1		McLaughlin, Michael David et al.			_ _
36	342/450	375/350; 455/456.6	,	Fattouche, Michel et al.			
37	342/378	342/361; 342/362		Dogan, Mithat Can et al.			
38	342/457	375/350		Fattouche, Michel			
39	455/450	455/423; 455/452.2; 455/513		H'mimy, Hossam H. et al.			
40	455/453	370/331; 455/450; 455/522		Lim, Young-sik et al.			

	U	1	Doc	cument	ID	Issue Date	Pages	Title
41	×		US 6	185409	B1	20010206		Network engineering/systems engineering system for mobile satellite communication system
42	×		US 6	157621	A	20001205	143	Satellite communication system
43	⊠		US 6	154486	Α	20001128	110	Preamble code structure and detection method and apparatus
44	×		US 6	151512	Α	20001121	17	Communication system having optimum resource arrangements in a multi-sectored environment and method therefor
45	⊠		US 6	141373	Α	20001031		Preamble code structure and detection method and apparatus
46	⊠		US 6	131034	A	20001010 .		Method and apparatus for collector arrays in wireless communications systems
47	⊠		US 6	112085	A	20000829		Virtual network configuration and management system for satellite communication system
48	⊠		US 6	111857	A	20000829	ŕ	Wireless network planning tool
49	⊠		US 6	088341	A	20000711		Method for reducing co-channel of cross-polarization interference in a satellite data communication system by offsetting channel frequencies
50	⊠		US 6	070090	A	20000530		Input specific independent sector mapping
51	⊠		US 6	069885	A	20000530		Method and apparatus for providing high speed services using a wireless communications system
52	☒		US 6	058307	Α	20000502		Priority and preemption service system for satellite related communication using central controller
53	Ø		US 6	055432	A	20000425	,	Dynamic channel allocation in macrocells with random exclusion for allowing underlaying autonomous microcells
54	⊠		us 6	047190	Α	20000404		Dynamic channel allocation in macrocells with deterministic exclusion for allowing underlaying autonomous microcells

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
41	455/12.1	455/427		Threadgill, Michael E. et al.			
42	370/310	370/394; 370/400; 370/474		Brown, Alison K. et al.			
43	375/142	370/503; 375/143		Scott, Logan et al.			
44	455/562.1	370/331; 455/561		Chheda, Ashvin et al.			
45	375/150	375/142; 375/143; 375/152		Scott, Logan			
46	455/450	340/7.27; 370/337		McLaughlin, Michael David et al.			
47	455/428	455/430		Garner, William B. et al.			
48	370/254	370/335		Soliman, Samir S. et al.			
49	370/319	370/343; 375/260		Hinedi, Sami et al.			
50	455/561	455/560; 455/562.1		Feuerstein, Martin J.	Ο,		
51	370/336	370/349		Fong, Thomas K. et al.			
52	455/428	455/12.1		Garner, William B.			
53	455/452.1	455/449		Haleem, Mohamed Abdul et al.			
54	455/452.1	455/449		Haleem, Mohamed Abdul et al.			

	ซ	1	Do	cument	ID	Issue Date	Pages	Title
55	Ø		US 6	023459	A	20000208		Frequency assignment in wireless networks
56	☒		US 6	018317	Α	20000125		Cochannel signal processing system
57	Ø		US 6	5009332	Α	19991228		Method and system for autonomously allocating a frequency hopping traffic channel in a private radio system
58	⊠		US 5	987037	A	19991116		Multiple beam wireless telecommunication system
59	⊠		US 5	933421	A	19990803		Method for frequency division duplex communications
60	⊠		US 5	920607	A	19990706		Adaptive wireless cell coverage
61	⊠		US 5	884145	A	19990316		Method and system for autonomously allocating a cellular communications channel for communication between a cellular terminal and a telephone base station
62			US 5	832022	Α	19981103		Method and apparatus for controlling the modulation index of continuous phase modulated (CPM) signals
63	⊠		US 5	812947	Α	19980922		Cellular/satellite communications systems with improved frequency re-use
64	⊠		US 5	812930	Α	19980922		Information handling systems with broadband and narrowband communication channels between repository and display systems
65	☒		US 5	809423	A	19980915		Adaptive-Dynamic channel assignment organization system and method
66	☒		US 5	809395	A	19980915		Remote antenna driver for a radio telephony system
67	☒		US 5	802173	A	19980901	,	Radiotelephony system
68	Ø		US 5	737358	A	19980407		Multiplexed radio communication system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
55	370/329	455/447	_	Clark, Timothy Ian James et al.			
56	342/378	342/373		Dogan, Mithat Can et al.			
57	455/450	455/444		Haartsen, Jacobus C.			
58	370/480	455/103; 455/277.1		Gans, Michael James			
59	370/330	370/203; 370/281		Alamouti, Siavash et al.			
60	379/1.01	370/241; 379/15.01; 379/9.02; 455/63.1		Berg, Myron			
61	455/63.2	455/444; 455/450; 455/513		Haartsen, Jacobus C.			
62	375/142	332/106; 375/143; 375/297; 375/305; 455/44		Scott, Logan			
63	455/427 ·	455/103; 455/12.1; 455/63.1; 455/67.13; 455/69		Dent, Paul W.			
64	725/62	370/490; 370/493; 375/132; 375/140; 725/116; 725/131		Zavrel, Robert Joseph			
65	455/452.2	455/464		Benveniste, Mathilde			
66	725/106	370/489; 455/20		Hamilton-Piercy, Nicholas Francis et al.			
67	379/56.2	455/561		Hamilton-Piercy, Nicholas Francis et al.			
68	375/133	370/341; 375/138		Ritz, Mordechai et al.			

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69	⊠		US 5736959	A	19980407		Earth-fixed cell beam management for satellite communication system using dielectic lens-focused scanning beam antennas
70	⊠		US 5715516	A	19980203		Method and apparatus for wireless communication employing collector arrays
71	⊠		US 5710758	A	19980120	32	Wireless network planning tool
72	\boxtimes		US 5666648	A	19970909		Polar relay system for satellite communication
73	⊠		US 5652751	A	19970729		Architecture for mobile radio networks with dynamically changing topology using virtual subnets
74	Ø		US 5619493	A	19970408		Spread-spectrum, frequency-hopping radio telephone system with voice activation
75	⊠		US 5555257	Α	19960910		Cellular/satellite communications system with improved frequency re-use
76	Ø		US 5548813	Α	19960820		Phased array cellular base station and associated methods for enhanced power efficiency
77	⊠		US 5546443	A	19960813		Communication management technique for a radiotelephone system including microcells
78	⊠		US 5533011	A	19960702		Dual distributed antenna system
79	Ø		US 5513176	Α	19960430		Dual distributed antenna system
80	☒		US 5408496	Α	19950418		Spread-spectrum, frequency-hopping radiotelephone system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
69	342/354	342/372; 455/13.3		Patterson, David Palmer et al.			
70	455/422.1	455/509; 455/517; 455/524		Howard, David Amundson et al.			
71	370/241	370/254; 370/342; 455/67.16; 714/33		Soliman, Samir S. et al.			
72	370/321	342/352; 370/319; 455/13.1	·	Stuart, James R.			
73	370/227	340/2.4; 340/825.52; 370/228; 455/445		Sharony, Jacob			
74	370/330	370/335; 370/433; 375/133		Ritz, Mordechai et al.			
75	370/319	342/352; 370/329; 455/13.3; 455/428; 455/452.2; 455/63.1		Dent, Paul W.			
76	455/562.1	343/890		Charas, Philippe M. et al.			
77	455/450	455/449		Raith, Alex K.			
78	370/342	375/267; 455/276.1; 455/506		Dean, Richard F. et al.			
79	370/335	343/844; 455/276.1; 455/562.1		Dean, Richard F. et al.			
80	375/132	380/34; 455/447		Ritz, Mordechai et al.			

	บ	1	Document ID	Issue Date	Pages	Title
81	M		US 5371780 A	19941206		Communications resource assignment in a wireless telecommunications system
82			US 5363376 A	19941108		Method and apparatus for synchronizing timing among radio ports in wireless communications systems
83	⊠		US 5363375 A	19941108		Method and apparatus for synchronizing timing among radio ports in wireless communications systems using hierarchical scheme
84	⊠		US 5280472 A	19940118		CDMA microcellular telephone system and distributed antenna system therefor

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
81	455/450	340/2.1; 340/825.02; 340/825.5; 370/335; 370/447; 370/461; 455/437; 455/512; 455/513		Amitay, Noach			
82	370/332	370/337; 370/350; 370/519; 375/356; 455/403; 455/436; 455/502; 455/67.13; 455/67.16	·	Chuang, Justin C. et al.			
83	370/332	370/337; 370/350; 370/519; 375/356; 455/403; 455/502; 455/67.13; 455/67.16		Chuang, Justin C. et al.			
84	370/335	342/375; 370/328; 370/517; 455/279.1; 455/562.1		Gilhousen, Klein S. et al.			